

## Table ENG-5. - Sanitary Facilities

Giles County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:					
Allegheny	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
		Flooding	0.40	Seepage	0.50
				Flooding	0.40
1C:					
Allegheny	95	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
2D:					
Berks	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
2F:					
Berks	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
3F:					
Berks	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
4B:					
Braddock	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
				Slope	0.68
4C:					
Braddock	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	1.00
4D:					
Braddock	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00

4E:

# Table ENG-5. - Sanitary Facilities - Continued

Giles County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4E:					
Braddock	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00
5C:					
Carbo	90	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Slope	0.04	Seepage	1.00
Rock outcrop	5	Not Rated		Not Rated	
Wet spots	2	Not Rated		Not Rated	
5D:					
Carbo	90	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
Rock outcrop	5	Not Rated		Not Rated	
6F:					
Carbo	45	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
Rock outcrop	45	Not Rated		Not Rated	
7:					
Chagrin	90	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	0.50	Seepage	0.50
Frequently flooded	5	Not Rated		Not Rated	
8:					
Chagrin variant	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Flooding	0.40	Flooding	0.40
9:					

# Table ENG-5. - Sanitary Facilities - Continued

Giles County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9:					
Chavies variant	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Flooding	0.40	Depth to saturated zone	1.00
				Flooding	0.40
10B:					
Cotaco	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Seep areas	5	Not Rated		Not Rated	
10C:					
Cotaco	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Restricted permeability	0.50	Depth to saturated zone	1.00
		Slope	0.37	Seepage	0.50
Seep areas	5	Not Rated		Not Rated	
11D:					
Faywood	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
11F:					
Faywood	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00	Seepage	1.00
12:					
Fluvaquents	80	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
Ponded soils	5	Not Rated		Not Rated	

13B:

# Table ENG-5. - Sanitary Facilities - Continued

Giles County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13B: Frederick	90	Somewhat limited  Restricted permeability	 0.50	Somewhat limited  Slope Seepage	 0.68 0.50
13C: Frederick	90	Somewhat limited  Restricted permeability Slope	 0.50 0.37	Very limited  Slope Seepage	 1.00 0.50
13D: Frederick	90	Very limited  Slope Restricted permeability	 1.00 0.50	Very limited  Slope Seepage	 1.00 0.50
13E: Frederick	90	Very limited  Slope Restricted permeability	 1.00 0.50	Very limited  Slope Seepage	 1.00 0.50
14B: Frederick	90	Somewhat limited  Restricted permeability	 0.50	Somewhat limited  Slope Seepage	 0.68 0.50
14C: Frederick	90	Somewhat limited  Restricted permeability Slope	 0.50 0.37	Very limited  Slope Seepage	 1.00 0.50
14D: Frederick	90	Very limited  Slope Restricted permeability	 1.00 0.50	Very limited  Slope Seepage	 1.00 0.50
14E: Frederick	90	Very limited  Slope Restricted permeability	 1.00 0.50	Very limited  Slope Seepage	 1.00 0.50
15C: Frederick	90	Somewhat limited  Restricted permeability Slope	 0.50 0.37	Very limited  Slope Seepage	 1.00 0.50

# Table ENG-5. - Sanitary Facilities - Continued

Giles County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15D:					
Frederick	90	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
15E:					
Frederick	90	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
16D:					
Frederick	70	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Rock outcrop	20	Not Rated		Not Rated	
16F:					
Frederick	70	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Rock outcrop	20	Not Rated		Not Rated	
17C:					
Gilpin	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
17D:					
Gilpin	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
17F:					
Gilpin	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50

18D:

## Table ENG-5. - Sanitary Facilities - Continued

Giles County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18D:					
Gilpin	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
18F:					
Gilpin	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
19C:					
Jefferson	90	Somewhat limited		Very limited	
		Slope	0.04	Seepage	1.00
				Slope	1.00
20C:					
Jefferson	90	Not limited		Very limited	
				Seepage	1.00
				Slope	1.00
20E:					
Jefferson	90	Very limited		Very limited	
		Slope	1.00	Slope	1.00
				Seepage	1.00
21C:					
Jefferson	90	Not limited		Very limited	
				Seepage	1.00
				Slope	1.00
21E:					
Jefferson	90	Very limited		Very limited	
		Slope	1.00	Slope	1.00
				Seepage	1.00
21F:					
Jefferson	90	Very limited		Very limited	
		Slope	1.00	Slope	1.00
				Seepage	1.00
22D:					
Jefferson variant	60	Very limited		Very limited	
		Slope	1.00	Slope	1.00
				Seepage	1.00

# Table ENG-5. - Sanitary Facilities - Continued

Giles County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22D:					
Drall	30	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Depth to bedrock	0.89	Content of large stones	1.00
22F:					
Jefferson variant	60	Very limited		Very limited	
		Slope	1.00	Slope	1.00
				Seepage	1.00
Drall	30	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Depth to bedrock	0.89	Content of large stones	1.00
23F:					
Lehew	60	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Wallen	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
24C:					
Lily	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Seepage	1.00
				Slope	1.00
24D:					
Lily	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
25F:					
Lily	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
26F:					

# Table ENG-5. - Sanitary Facilities - Continued

Giles County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26F:					
Lily	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
27C:					
Lily	55	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.04	Seepage	1.00
				Slope	1.00
Bailegap	35	Somewhat limited		Very limited	
		Depth to bedrock	0.99	Slope	1.00
		Restricted permeability	0.50	Depth to soft bedrock	0.96
		Slope	0.04	Seepage	0.50
27E:					
Lily	70	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Bailegap	20	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.99	Depth to soft bedrock	0.96
		Restricted permeability	0.50	Seepage	0.50
27F:					
Lily	65	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Bailegap	25	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.99	Depth to soft bedrock	0.96
		Restricted permeability	0.50	Seepage	0.50
28E:					
Lily	55	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00



# Table ENG-5. - Sanitary Facilities - Continued

Giles County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
28E:					
Bailegap	35	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.99	Depth to soft bedrock	0.96
		Restricted permeability	0.50	Seepage	0.50
29B:					
Nolichucky	90	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
29C:					
Nolichucky	90	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
29D:					
Nolichucky	90	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
30C:					
Nolichucky	90	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
30D:					
Nolichucky	90	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
30F:					
Nolichucky	90	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
31C:					
Poplimento	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37		
31D:					

# Table ENG-5. - Sanitary Facilities - Continued

Giles County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
31D:					
Poplimento	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00		
31E:					
Poplimento	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00		
32F:					
Rock outcrop	65	Not Rated		Not Rated	
Berks					
	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
33D:					
Sequoia	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00		
33F:					
Sequoia	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00		
34:					
Slickens	90	Not Rated		Not Rated	
35B:					
Timberville variant	90	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Slope	0.68
Frequently flooded	3	Not Rated		Not Rated	
35C:					

**Table ENG-5. - Sanitary Facilities - Continued**

Giles County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
35C:					
Timberville variant	90	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Restricted permeability	0.50	Depth to saturated zone	1.00
ZZ900:					
Water	100	Not Rated		Not Rated	